

Amendments to the Claims:

The listing of claims set forth below is to replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

Claims 1-26 (canceled)

Claim 27 (new) A composition comprising:
one or more natural isomers of reduced folate selected from the group consisting of (6S)-tetrahydrofolic acid, 5-formyl-(6S)-acid, 5-methyl-(6S)-tetrahydrofolic acid, 5-formyl-(6R)-tetrahydrofolic acid, 10-formyl-(6R)-tetrahydrofolic acid, 5,10-methenyl-(6R)-5,10-methylene-(6R)-tetrahydrofolic acid, 5,10-methenyl-(6R)-tetrahydrofolic acid, 5-formimino-(6S)-tetrahydrofolic acid, and polyglutamyl derivatives thereof; and
an essential nutrient preparation which comprises vitamin B6.

Claim 28 (new) A composition according to claim 27, wherein, when said composition comprises an amount of 5-formyl-(6S)-tetrahydrofolic acid, said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-acid present in said composition.

Claim 29 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 30 (new) A composition according to claim 27, wherein the essential nutrient preparation is substantially free of ascorbic acid.

Claim 31 (new) A composition according to claim 27, wherein the one or more natural isomers of reduced folate is 5-methyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 32 (new) A composition according to claim 31, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 33 (new) A composition according to claim 32, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 34 (new) A composition according to claim 27, wherein the one or more natural isomers of reduced folate is 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 35 (new) A composition according to claim 34, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 36 (new) A composition according to claim 27, wherein the one or more natural isomers of reduced folate is a combination of (i) 5-methyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof and (ii) 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 37 (new) A composition according to claim 36, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 38 (new) A composition according to claim 37, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 39 (new) A composition according to claim 36, wherein said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof in an amount equal to the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

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Claim 40 (new) A composition according to claim 36, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 41 (new) A composition according to claim 27, wherein each of the one or more natural isomers of reduced folate is substantially chirally pure.

Claim 42 (new) A composition according to claim 27, wherein the essential nutrient preparation consists essentially of vitamin B6.

Claim 43 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B12.

Claim 44 (new) A composition according to claim 43, wherein the essential nutrient preparation consists essentially of vitamin B6 and vitamin B12.

Claim 45 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B2.

Claim 46 (new) A composition according to claim 45, wherein the essential nutrient preparation consists essentially of vitamin B6 and vitamin B2.

Claim 47 (new) A composition according to claim 45, wherein the essential nutrient preparation further comprises vitamin B12.

Claim 48 (new) A composition according to claim 47, wherein the essential nutrient preparation consists essentially of vitamin B6, vitamin B2, and vitamin B12.

Claim 49 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B1.

Claim 50 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B3.

Claim 51 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B5.

Claim 52 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B2, vitamin B12, vitamin B1, vitamin B3, and vitamin B5.

Claim 53 (new) A composition according to claim 52, wherein the essential nutrient preparation further comprises vitamin A, vitamin D, and/or vitamin E.

Claim 54 (new) A composition according to claim 52, wherein the essential nutrient preparation further comprises vitamin A, vitamin D, and vitamin E.

Claim 55 (new) A composition according to claim 54, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 56 (new) A composition according to claim 54, wherein the essential nutrient preparation further comprises biotin.

Claim 57 (new) A composition according to claim 54, wherein the essential nutrient preparation further comprises ascorbic acid and biotin.

Claim 58 (new) A composition according to claim 57, wherein the essential nutrient preparation further comprises iron, zinc, calcium, iodine, and/or magnesium.

Claim 59 (new) A composition according to claim 57, wherein the essential nutrient preparation further comprises iron, zinc, calcium, iodine, and magnesium.

Claim 60 (new) A composition according to claim 59, wherein the essential nutrient preparation consists essentially of

vitamin B6, vitamin B2, vitamin B12, vitamin B1, vitamin B5, vitamin A, vitamin D, vitamin E, ascorbic acid, biotin, iron, zinc, calcium, iodine, and magnesium.

Claim 61 (new) A composition according to claim 59, wherein the essential nutrient preparation further comprises copper.

Claim 62 (new) A composition according to claim 61, wherein the essential nutrient preparation consists essentially of vitamin B6, vitamin B2, vitamin B12, vitamin B1, vitamin B3, vitamin B5, vitamin A, vitamin D, vitamin E, ascorbic acid, biotin, iron, zinc, calcium, iodine, magnesium, and copper.

Claim 63 (new) A composition according to claim 52, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 64 (new) A composition according to claim 52, wherein the essential nutrient preparation further comprises biotin.

Claim 65 (new) A composition according to claim 52, wherein the essential nutrient preparation further comprises ascorbic acid and biotin.

Claim 66 (new) A composition according to claim 65, wherein the essential nutrient preparation further comprises iron, copper, and/or zinc.

Claim 67 (new) A composition according to claim 65, wherein the essential nutrient preparation further comprises iron, copper, and zinc.

Claim 68 (new) A composition according to claim 67, wherein the essential nutrient preparation consists essentially of vitamin B6, vitamin B2, vitamin B12, vitamin B1, vitamin B3, vitamin B5, ascorbic acid, biotin, iron, copper, and zinc.

Claim 69 (new) A composition according to claim 27, wherein the essential nutrient preparation further comprises vitamin B2, vitamin B12, and vitamin B3.

Claim 70 (new) A composition according to claim 69, wherein the essential nutrient preparation further comprises vitamin A, vitamin D, and/or vitamin E.

Claim 71 (new) A composition according to claim 69, wherein the essential nutrient preparation further comprises vitamin A, vitamin D, and vitamin E.

Claim 72 (new) A composition according to claim 71, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 73 (new) A composition according to claim 71, wherein the essential nutrient preparation further comprises biotin.

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Claim 74 (new) A composition according to claim 71, wherein the essential nutrient preparation further comprises ascorbic acid and biotin.

Claim 75 (new) A composition according to claim 74, wherein the essential nutrient preparation further comprises iron, zinc, calcium, magnesium, and/or selenium.

Claim 76 (new) A composition according to claim 74, wherein the essential nutrient preparation further comprises iron, zinc, calcium, magnesium, and selenium.

Claim 77 (new) A composition according to claim 76, wherein the essential nutrient preparation consists essentially of vitamin B6, vitamin B2, vitamin B12, vitamin B3, vitamin A, vitamin D, vitamin E, ascorbic acid, biotin, iron, zinc, calcium, magnesium, and selenium.

Claim 78 (new) A composition according to claim 27, wherein said composition further comprises one or more of the following: vitamin A, vitamin B1, vitamin B2, vitamin B3, vitamin B5, vitamin B12, ascorbic acid, vitamin D, vitamin E, vitamin K, biotin, boron, calcium, phosphorus, chromium, copper, manganese, magnesium, nickel, sodium, molybdenum, potassium, iodine, iron, selenium, silicon, vanadium, zinc, methionine, choline, taurine, and/or carnitine.

Claim 79 (new) A composition comprising:

one or more natural isomers of reduced folate selected from the group consisting of (6S)-tetrahydrofolic acid, 5-methyl-(6S)-tetrahydrofolic acid, 5-formyl-(6S)-tetrahydrofolic acid, 10-formyl-(6R)-tetrahydrofolic acid, 5,10-methylene-(6R)-tetrahydrofolic acid, 5,10-methenyl-(6R)-tetrahydrofolic acid, 5-formimino-(6S)-tetrahydrofolic acid, and polyglutamyl derivatives thereof; and
an essential nutrient preparation which comprises vitamin B12.

Claim 80 (new) A composition according to claim 79, wherein, when said composition comprises an amount of 5-formyl-(6S)-tetrahydrofolic acid, said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 81 (new) A composition according to claim 79, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 82 (new) A composition according to claim 79, wherein the essential nutrient preparation is substantially free of ascorbic acid.

Claim 83 (new) A composition according to claim 79, wherein the one or more natural isomers of reduced folate is 5-methyl-

(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 84 (new) A composition according to claim 83, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 85 (new) A composition according to claim 84, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 86 (new) A composition according to claim 79, wherein the one or more natural isomers of reduced folate is 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 87 (new) A composition according to claim 86, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 88 (new) A composition according to claim 79, wherein the one or more natural isomers of reduced folate is a combination of (i) 5-methyl-(6S)-tetrahydrofolic acid or a

polyglutamyl derivative thereof and (ii) 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 89 (new) A composition according to claim 88, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 90 (new) A composition according to claim 89, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 91 (new) A composition according to claim 88, wherein said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof in an amount equal to the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 92 (new) A composition according to claim 88, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 93 (new) A composition according to claim 79, wherein the essential nutrient preparation further comprises vitamin B2, vitamin B1, vitamin B3, and vitamin B5.

Claim 94 (new) A composition according to claim 93, wherein the essential nutrient preparation further comprises ascorbic acid.

Claim 95 (new) A composition according to claim 93, wherein the essential nutrient preparation further comprises biotin.

Claim 96 (new) A composition according to claim 93, wherein the essential nutrient preparation further comprises ascorbic acid and biotin.

Claim 97 (new) A composition according to claim 96, wherein the essential nutrient preparation further comprises iron, copper, and/or zinc.

Claim 98 (new) A composition according to claim 96, wherein the essential nutrient preparation further comprises iron, copper, and zinc.

Claim 99 (new) A composition according to claim 98, wherein the essential nutrient preparation consists essentially of vitamin B2, vitamin B12, vitamin B1, vitamin B3, vitamin B5, ascorbic acid, biotin, iron, copper, and zinc.

Claim 100 (new) A composition according to claim 79, wherein said composition further comprises one or more of the following: vitamin A, vitamin B1, vitamin B3, vitamin B5, vitamin B6, vitamin B2, ascorbic acid, vitamin D, vitamin E, vitamin K, biotin, boron, calcium, phosphorus, chromium,

copper, manganese, magnesium, nickel, sodium, molybdenum, potassium, iodine, iron, selenium, silicon, vanadium, zinc, methionine, choline, taurine, and/or carnitine.

Claim 101 (new) A composition comprising:

one or more natural isomers of reduced folate selected from the group consisting of (6S)-tetrahydrofolic acid, 5-methyl-(6S)-tetrahydrofolic acid, 5-formyl-(6S)-tetrahydrofolic acid, 10-formyl-(6R)-tetrahydrofolic acid, 5,10-methylene-(6R)-tetrahydrofolic acid, 5,10-methenyl-(6R)-tetrahydrofolic acid, 5-formimino-(6S)-tetrahydrofolic acid, and polyglutamyl derivatives thereof; and an essential nutrient preparation which comprises zinc.

Claim 102 (new) A composition according to claim 101, wherein, when said composition comprises an amount of 5-formyl-(6S)-tetrahydrofolic acid, said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 103 (new) A composition according to claim 101, wherein the essential nutrient preparation further comprises ascorbic acid.

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Claim 104 (new) A composition according to claim 101, wherein the essential nutrient preparation is substantially free of ascorbic acid.

Claim 105 (new) A composition according to claim 101, wherein the one or more natural isomers of reduced folate is 5-methyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 106 (new) A composition according to claim 105, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 107 (new) A composition according to claim 106, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 108 (new) A composition according to claim 101, wherein the one or more natural isomers of reduced folate is 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 109 (new) A composition according to claim 108, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less

than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 110 (new) A composition according to claim 101, wherein the one or more natural isomers of reduced folate is a combination of (i) 5-methyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof and (ii) 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 111 (new) A composition according to claim 110, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 112 (new) A composition according to claim 111, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 113 (new) A composition according to claim 112, wherein said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof in an amount equal to the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 114 (new) A composition according to claim 112, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less

than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 115 (new) A composition according to claim 101, wherein the essential nutrient preparation consists essentially of zinc.

Claim 116 (new) A composition according to claim 101, wherein said composition further comprises one or more of the following: vitamin A, vitamin B1, vitamin B2, vitamin B3, vitamin B5, vitamin B6, vitamin B12, ascorbic acid, vitamin D, vitamin E, vitamin K, biotin, boron, calcium, phosphorus, chromium, copper, manganese, magnesium, nickel, sodium, molybdenum, potassium, iodine, iron, selenium, silicon, vanadium, methionine, choline, taurine, and/or carnitine.

Claim 117 (new) A composition comprising:
5-methyl-(6S)-tetrahydrofolic acid;
5-formyl-(6S)-tetrahydrofolic acid; and
a nutritional substance selected from the group consisting of a food preparation, an essential nutrient preparation, and combinations thereof.

Claim 118 (new) A composition according to claim 117, wherein the nutritional substance is a food preparation.

Claim 119 (new) A composition according to claim 117, wherein the nutritional substance is an essential nutrient preparation.

Claim 120 (new) A composition according to claim 117, wherein the nutritional substance is an essential nutrient preparation comprising vitamin other than ascorbic acid.

Claim 121 (new) A composition according to claim 117, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 122 (new) A composition according to claim 121, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 123 (new) A composition according to claim 117, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 124 (new) A composition according to claim 117, wherein said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof in an amount equal to the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 125 (new) A composition according to claim 117, wherein said composition further comprises one or more of the

following: vitamin A, vitamin B1, vitamin B2, vitamin B3, vitamin B5, vitamin B6, vitamin B12, ascorbic acid, vitamin D, vitamin E, vitamin K, biotin, boron, calcium, phosphorus, chromium, copper, manganese, magnesium, nickel, sodium, molybdenum, potassium, iodine, iron, selenium, silicon, vanadium, zinc, methionine, choline, taurine, and/or carnitine.

Claim 126 (new) A composition comprising:

one or more natural isomers of reduced folate in an amount effective for the treatment and/or prevention of vascular disease and/or in an amount effective for reducing a female's risk of having a miscarriage and/or of having a fetus with a neural tube defect, a cleft lip defect, and/or a cleft palate defect, wherein said one or more natural isomers of reduced folate is selected from the group consisting of (6S)-reduced folate, 5-methyl-(6S)-tetrahydrofolic acid, 5-formyl-(6S)-tetrahydrofolic acid, 10-formyl-(6R)-tetrahydrofolic acid, 5,10-methylene-(6R)-tetrahydrofolic acid, 5,10-methenyl-(6R)-tetrahydrofolic acid, 5-formimino-(6S)-tetrahydrofolic acid, and polyglutamyl derivatives thereof; and

a nutritional substance selected from the group consisting of a food preparation, an essential nutrient preparation, and combinations thereof;

wherein, when the nutritional substance is a food preparation, the food preparation comprises two or more food components and each gram of said food preparation has a natural molar amount, N, of said one or more natural isomers

of reduced folate, wherein N is greater or equal to zero and wherein each gram of said composition has a total molar amount, T, of said one or more natural isomers of reduced folate greater than N;

wherein, when the nutritional substance is an essential nutrient preparation, the essential nutrient preparation comprises a vitamin other than ascorbic acid.

Claim 127 (new) A composition according to claim 126, wherein, when said composition comprises an amount of 5-formyl-(6S)-tetrahydrofolic acid, said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 128 (new) A composition according to claim 126, wherein, when the nutritional substance is an essential nutrient preparation, the essential nutrient preparation further comprises ascorbic acid.

Claim 129 (new) A composition according to claim 126, wherein, when the nutritional substance is an essential nutrient preparation, the essential nutrient preparation is substantially free of ascorbic acid.

Claim 130 (new) A composition according to claim 126, wherein the one or more natural isomers of reduced folate is 5-methyl-

(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 131 (new) A composition according to claim 130, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 132 (new) A composition according to claim 131, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 133 (new) A composition according to claim 126, wherein the one or more natural isomers of reduced folate is 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 134 (new) A composition according to claim 133, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 135 (new) A composition according to claim 126, wherein the one or more natural isomers of reduced folate is a combination of (i) 5-methyl-(6S)-tetrahydrofolic acid or a

polyglutamyl derivative thereof and (ii) 5-formyl-(6S)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 136 (new) A composition according to claim 135, wherein said composition further comprises 5-methyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof.

Claim 137 (new) A composition according to claim 136, wherein said 5-methyl-(6R)-tetrahydrofolic acid or polyglutamyl derivative thereof and said 5-methyl-(6S)-tetrahydrofolic acid or polyglutamyl derivative thereof are present in equal amounts.

Claim 138 (new) A composition according to claim 135, wherein said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid or a polyglutamyl derivative thereof in an amount equal to the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 139 (new) A composition according to claim 135, wherein said composition further comprises no 5-formyl-(6R)-tetrahydrofolic acid, or, if present, said composition further comprises 5-formyl-(6R)-tetrahydrofolic acid in an amount less than the amount of 5-formyl-(6S)-tetrahydrofolic acid present in said composition.

Claim 140 (new) A composition according to claim 126, wherein each of the one or more natural isomers of reduced folate is substantially chirally pure.